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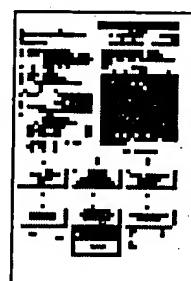
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>Title: **JP57125683A2: METHOD AND APPARATUS FOR PRESERVATION OF FOOD USING CARBON DIOXIDE GAS AND ETHANOL VAPOR**

Country: **JP Japan**

Kind: **A**

Inventor: **MOTOYAMA SHIMESU;
UMEDA SEIICHI;**



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Assignee: **FUROINTO SANGYO KK**

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Published / Filed: **1982-08-05 / 1981-01-25**

Application Number: **JP1981000009296**

IPC Code: **A23L 3/34;**

Priority Number: **1981-01-25 JP1981000819296**

Abstract:

PURPOSE: To increase the food preservation effect, by generating CO₂ gas independently to ethanol vapor, thereby eliminating the restriction on the quantity of the CO₂ gas.

CONSTITUTION: A CO₂-generating composition containing a carbonate (a compound which evolves gaseous CO₂ with an acid) such as ammonium carbonate, ammonium bicarbonate, etc. and an acid is put into a moisture-sensitive gas-permeable film bag, and ethanol is put into the same or another bag. The bag is placed separately from the food to be preserved. The ethanol is anhydrous ethanol absorbed to a carrier such as silicon dioxide and the direct contact of the ethanol with the gaseous carbon dioxide generating composition should be prevented, because the use of hydrous ethanol may cause immediate evolution of CO₂ gas with water contained in the ethanol.

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Family: **None**

Forward References: [Go to Result Set: Forward references \(1\)](#)

Buy PDF	Patent	Pub.Date	Inventor	Assignee	Title
<input checked="" type="checkbox"/>	US6592919	2003-07-15	Matthews; Andrew Ernest	Sealed Air (NZ) Limited	Carbon dioxide atmosphere modifiers for packaging

Other Abstract **None**

(2)

PN - JP58140312 A 19830820
 TI - STABLE COMPOSITION FOR GENERATING GASEOUS CARBON DIOXIDE
 FI - C01B31/20&A ;C01B33/20 ;C01B39/00
 PA - KAO CORP
 IN - KATAGIRI ISAMU;NAKAGAWA YUUNOSUKE
 AP - JP19820020570 19820210
 PR - JP19820020570 19820210
 DT - I

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XP00226572-

AN - 1983-773861 [39]
 TI - Carbon dioxide-generating compsn. contg. zeolite - comprises carbonate, solid or powdered acid e.g. succinic acid, and zeolite; used in tablet form to clean e.g. bath-tubs
 AB - J58140312 (1)Compsn. (1) which generates CO₂ gas comprises (2) carbonate, (3) solid or powdered acid, and (4) zeolite. (4) is moisture-free. (3) is organic acid including citric, succinic, fumaric acid, etc.
 - (2) is pref. NaHCO₃ or KHCO₃, but Na₂CO₃ or K₂CO₃ may be also used. (4) may be natural or synthetic. A synthesised aluminosilicate of the formula, (M₂/nO).Al₂O₃.(SiO₂)_y, is pref. (in which M is Na, K, Ca or Mg; n is equal to valence of M; x is 0.7-1.5; y is 0.6-1.0). Its moisture content is pref. as little as possible. (2)/(4) rate is (95-3)/(3-93), pref. (95-30)/(5-70). Amt. of (4) is 0.5-50 (2-30) wt. %, relative to mixt. of (2)/(3). Other components, e.g. organic acid salt, surfactants, etc. may be added into the compsn.(1).
 - The compsn. when made into a tablet, preserves its foaming (CO₂-generating) performance after prolonged storage. It is useful for e.g. bath tub cleaning.(0/0)
 IW - CARBON DI OXIDE GENERATE COMPOSITION CONTAIN ZEOLITE COMPRIZE CARBONATE SOLID POWDER ACID SUCCINIC ACID ZEOLITE TABLET FORM CLEAN BATH TUB
 PN - JP58140312 A 19830820 DW198339 003pp
 - JP1009241B B 19890216 DW198911 000pp
 IC - C01B31/20 ;C01B33/28
 MC - J04-X
 DC - J01
 PA - (KAOS) KAO CORP
 AP - JP19820020570 19820210
 PR - JP19820020570 19820210

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PN - JP58140312 A 19830820
 TI - STABLE COMPOSITION FOR GENERATING GASEOUS CARBON DIOXIDE
 AB - PURPOSE:To obtain a composition for generating gaseous CO₂ preventing the